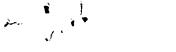
	Application No.	Applicant(s)	
Notice of Allowability	10/761,938	SHAMS ET AL.	
	Examiner	Art Unit	
	Abolfazl Tabatabai	2624	
The MAILING DATE of this communication apperation apperation allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet with (OR REMAINS) CLOSED in to or other appropriate commun GHTS. This application is sub- and MPEP 1308.	the correspondence addres his application. If not included ication will be mailed in due co	urse. THIS
This communication is responsive to <u>Terminal Disclaimer fi</u>	<u>lled on March 29, 2006</u> .		
2. The allowed claim(s) is/are <u>1-76</u> .			
 3. Acknowledgment is made of a claim for foreign priority unally all b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application	No	n from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		reply complying with the requi	rements
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give			TICE OF
 5. CORRECTED DRAWINGS (as "replacement sheets") mus (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the first comment regarding REQUIREMENT in the depose attached Examiner's comment regarding regarding regarding regarding regar	on's Patent Drawing Review (s Amendment / Comment or in 84(c)) should be written on the ne header according to 37 CFR sit of BIOLOGICAL MATER	the Office action of drawings in the front (not the ba 1.121(d). RIAL must be submitted. Not	
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/06 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ⊠ Interview Sum Paper No./M 8), 7. ⊠ Examiner's Ar	rmal Patent Application (PTO- nmary (PTO-413), ail Date mendment/Comment atement of Reasons for Allowa	
PRIMAPY TYPHNEB			

U.S. Patent and Trademark Office PTOL-37 (Rev. 7-05) Notice of Allowability

Part of Paper No./Mail Date 20060330



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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicant's Attorney (Mr. Timothy C. Rooney with Reg. # 55,878), on Thursday March 30, 2006, without traverse.

The application has been amended as follows:

In specification page 1, line 2, of first paragraph after 1999, insert--- now U. S. Patent No. 6,731,781 ---.

In specification page, 1, lines 3 and 4, of first paragraph delete "The parent application has been allowed and is awaiting payment of the issue fee by the applicant".

In claim 23, line 1, delete "claim 35," insert --- claim 22, ---.

Drawings

2. The drawings were received on January 21, 2004. The Examiner accepts these drawings.

Terminal Disclaimer

3. The terminal disclaimer filed on March 29, 2006 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration

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date of U. S. Patent No. 6,731,781 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Reasons for Allowance

4. The following is an examiner's statement of reasons for allowance.

The prior art of record fails to teach or suggest system and method for automatically processing microarrays comprises (a) a processor for accessing the digital data from said memory and for determining therefrom a level of confidence in the signal characterizing output of the process in combination into other features and elements of claims 1, 19 and 37; (b) identifying characteristics of the grid from the image, detecting a pixel representing the center of a signal received from a chemical sample and an approximate radius of the signal received from the chemical material sample, segmenting the signal, and calculating a characterizing measure for the segmented signal in combination into other features and elements of claim 76.

5. Claims 1-76 are allowed.

Contact Information

6. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to ABOLFAZL TABATABAI whose telephone number is (571) 272-7458.

The Examiner can normally be reached on Monday through Friday from 9:30 a.m. to 7:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Jingge Wu, can be reached at (571) 272-7429. The fax phone number for organization where this application or proceeding is assigned is (571) 273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Abolfazl Tabatabai

Patent Examiner

Technology Division 2624

March 30, 2006

A-Tolatalia.

JINGGE WU PRIMARY EXAMINER